

RIGID AIR DUCTING FOR RESPIRATOR HOODS AND HELMETS

ABSTRACT OF THE INVENTION

5 A respirator hood 1 that has an air chamber 6 arranged above the head of a user for delivery of breathable air. The air chamber 6 has an air inlet 13 connected to an air supply hose 5 and an air outlet 17. The outlet 17 is arranged to direct air away from the eyes of the user. The air chamber 6 forms an air duct 12 that substantially covers the top of the hood 1 above the user's head. The duct 12 is collapse-resistant so that the duct shape is maintained in use and air flow through the duct 12 is substantially unrestricted. As a
10 result, a substantially uniform air flow can be achieved in use, which air flow pattern is repeatable from day to day and from hood to hood.